

A NEW SPECIES OF PSEUDOTEPHRITIS.

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Pseudotephritis metzi sp. nov.

Female: Front yellowish pollinose, thickly dispersed with fine black punctures each bearing a small hair, vertex grayish with two orbital and two ocellar bristles, a large round spot on the occiput back of the ocelli with two bristles, and two small dots on each side also bearing bristles, occipital orbits with a row of seven bristle bearing dots, the two lower ones slightly removed from the others; face yellowish pollinose with numerous fine hairs; palpi and antennæ yellow, the third joint brown. Thorax grayish pollinose thickly punctured with black, each puncture bearing a minute hair, dorsum with eight large spots arranged alternately in four rows. In front of the scutellum is a short black line with two bristle bearing dots on each side, above the wing and on the pleura are large irregular spots; scutellum with two large shining discal spots, and four marginal bristle bearing dots, under side of the scutellum with two large black spots with a yellowish band below; metanotum grayish above, shining black below. Abdomen grayish pollinose, finely punctated with black and with short fine black hairs; first segment subshining, third with two large black quadrate spots on the anterior margin and two oblong spots on the posterior margin, the latter narrowly separated by a dorsal line; fourth with similar markings but closer together and occupying the middle third of the segment, first segment of the ovipositor broad, truncated at the end, slightly pollinose and shining. Legs: femora except the tips and a sub-basal and subapical band on the tibiæ, brownish black, the remainder yellowish. Halteres white. Wings hyaline, with blackish markings arranged as follows—a slight clouding at the humeral cross-vein and across the base of the basal cells; a large spot or band commences near the end of the first costal cell extending across the second, the marginal, base of the submarginal and middle of the first basal cell; another large spot starts near the middle of the discal and extends across the third posterior cell to near the end of the sixth longitudinal vein. There is also a small spot at the base of the third posterior cell, a small spot at the end of the auxilliary vein, a large spot at the end of second costal cell extending irregularly to and slightly beyond the anterior cross-vein, a large spot halfway between the ends of the first and second longitudinal veins, a spot on the posterior cross-vein and an apical band extending from the tip of the marginal to the tip of the second posterior cells. Length 7 mm. Wing 6 mm.

One specimen. Cold Spring Harbor, Long Island, N. Y. Collected by Mr. C. W. Metz.

The species resembles *P. vau* Say., in the arrangement of the costal spots but the spots are not connected with those of the posterior margin by large yellowish cloudings. The apical spot is larger than in *P. vau*.